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APPLICANT Morrell et al.		GROUP 1623

U.S. PATENT DOCUMENTS

Exmr. Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation Yes/No
AM	WO 97/45545	04.12.97	PCT	C12N 15/54	15/82	—

OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, etc.)

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		Baba, T. et al., "Identification, cDNA cloning, and gene expression of soluble starch synthase in rice (<i>Oryza sativa</i> L.) immature seeds," (1993) <i>Plant Physiol.</i> 103:565-573
		Craig, J. et al., "Mutations in the gene encoding starch synthase II profoundly alter amylopectin structure in pea embryos," (March 1998) <i>Plant Cell</i> 10:413-426
		Denyer, K. et al., "Identification of multiple isoforms of soluble and granule-bound starch synthase in developing wheat endosperm," (1995) <i>Planta</i> 196:256-265
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↓		Edwards, A. et al., "Biochemical and molecular characterization of a novel starch synthase from potato tubers," (1995) <i>Plant J.</i> 8(2):283-294
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Am			Harn, C. et al., "Isolation and characterization of the zSSIa and zSSIb starch synthase cDNA clones from maize endosperm," (July 1998) <i>Plant Mol. Biol.</i> 37:639-649
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			Knight, M.E. et al., "Molecular cloning of starch synthase I from maize (W64) endosperm and expression in <i>Escherichia coli</i> ," (June 1998) <i>Plant J.</i> 14(5):613-622
			Li, Z. et al., "Cloning and characterization of a gene encoding wheat starch synthase I," (1999) <i>Theor. Appl. Genet.</i> 98:1208-1216
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			Okagaki, R.J., "Nucleotide sequence of a long cDNA from the rice waxy gene," (1992) <i>Plant Molecular Biology</i> 19:513-516
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			Abel et al., ✓ GenBank Accession #Y10416 (Jan. 1997) <i>S. tuberosum</i> mRNA for soluble starch synthase.
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			Walter et al., ✓ GenBank Accession #AAB17085 (Oct. 1996) Starch synthase
			Walter et al., ✓ GenBank Accession #U66377 (Oct. 1996) <i>Triticum aestivum</i> starch synthase mRNA, partial cds.
↓			✓ Gao et al., ✓ GenBank Accession #AAC14014 (Apr. 1998) Starch synthase DULL1 [<i>Zea mays</i>]
Am			✓ Gao et al., ✓ GenBank Accession #AAC14015 (Apr. 1998) Starch synthase DULL1 [<i>Zea mays</i>]

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Am			p. Holst et al., GenBank Accession #AAC17969 (Nov. 2001) Granule-bound starch synthase I precursor [<i>Chlamydomonas reinhardtii</i>].
I			Bhullar et al., GenBank Accession #CAB40374 (Apr. 1999) Starch synthase isoform SS III [<i>Vigna unguiculata</i>]
I			Gao et al., GenBank Accession #CAB86618 (Apr. 2002) Starch synthase IIa-1 [<i>Triticum aestivum</i>]
↓			Gao et al., GenBank Accession #AJ269502 (Apr. 2002) <i>Triticum aestivum</i> mRNA for starch synthase IIa-1 (wSs2a-1 gene)
Am			Rahman et al., GenBank Accession #AF076680 (May 1999) <i>Aegilops tauschii</i> starch branching enzyme-I (SBE-I) gene, complete cds.

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